

FIG. 1

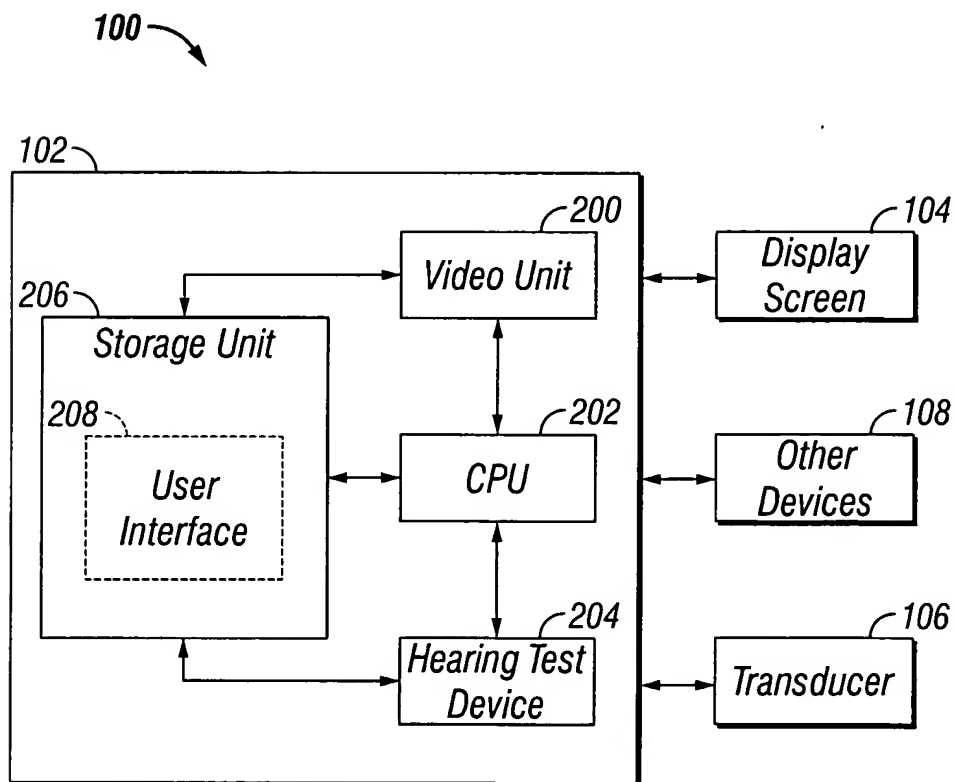


FIG. 2

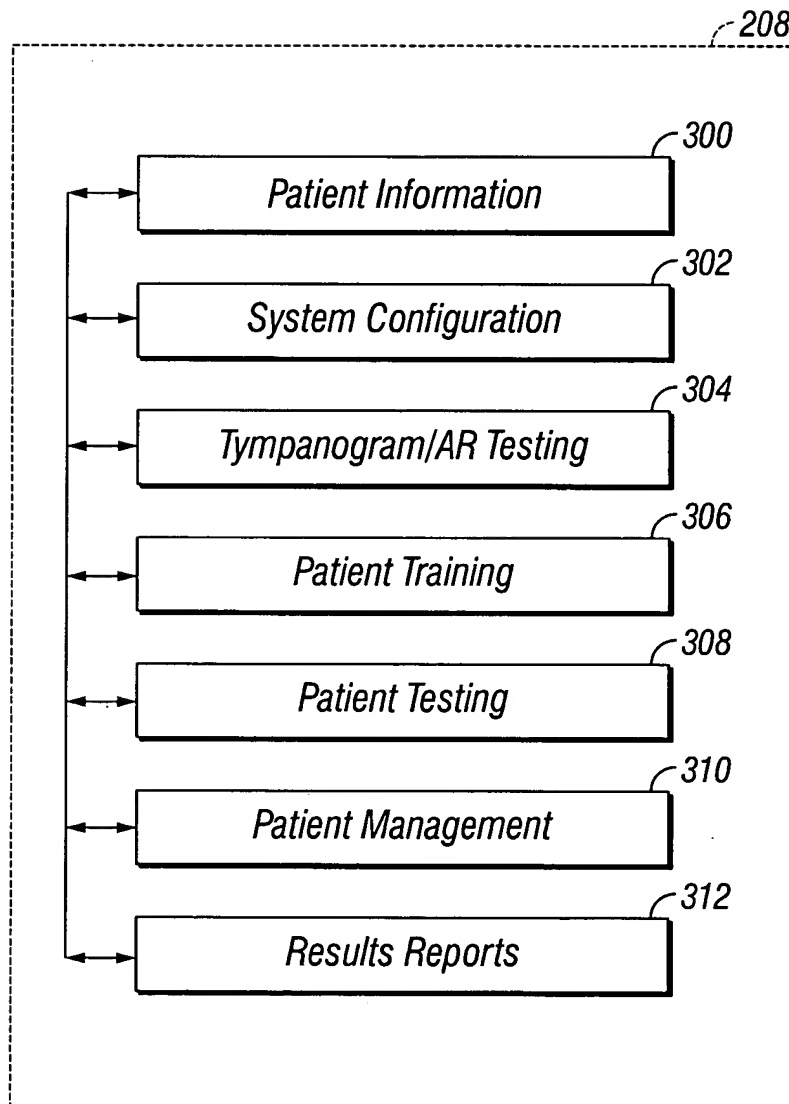


FIG. 3

400

Otoqram

New Session

View Reports 410

Advanced Options 412

Turn Off 414

Reconfigure 416

Testing Language: English 406

Chart Number: 402

Patient Name: 404

408

- ☒ Tympanogram
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception
- ☐ Speech Discrim
- ☐ Patient Survey

FIG. 4

500

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Doctors: 504

Dr. Smith

Administrators: 506

Jane Doe

Optional Input Fields 502

Doctor's Name	<input checked="" type="checkbox"/> Displayed	<input type="checkbox"/> Required
Clinic's Name	<input checked="" type="checkbox"/> Displayed	<input checked="" type="checkbox"/> Required
Date of Birth	<input type="checkbox"/> Displayed	<input type="checkbox"/> Required
Sex	<input type="checkbox"/> Displayed	<input type="checkbox"/> Required
Test Administrator	<input checked="" type="checkbox"/> Displayed	<input checked="" type="checkbox"/> Required

512

514

Add Up Down Remove Add Up Down Remove

Clinic 508

Southwest ENT

Chart# Default 510

Save Exit

FIG. 5A

520

Otoqram Configuration

Input Screen | **Paging Encoder Interface** | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

☒ **522** Paging Encoder is Attached

524 {

Communications Port: 1

Encoder ID: WaveWare Paging Encoder

Encoder Timeout: 500

Pager CapCode: 0000100

Pager Data Rate: 5

Save Exit

FIG. 5B

530

Otoqram Configuration

Input Screen | **Paging Encoder Interface** | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

532 ☒ Page Administrator at end of testing session

534 ☐ Page Administrator at end of each test

536 ☒ Page Administrator after inactivity threshold

538 ☒ Page Administrator after inability to reach pure tone threshold

Page Format [%N-Patent Name, %T-Test Name.]

%N's Otoqram is completed.

%N has completed the %T test.

%N is not progressing through the %T test.

Inactivity Threshold (in seconds): 120

%N is not progressing through the %T test.

Inability Threshold (in seconds): 360

539 {

Paging Device: Radio 540

Network Paging Drop:

Save and Exit Exit

FIG. 5C

544

Otoqram Configuration							
Input Screen	Paging Encoder Interface	Paging Options	Machine Options	Reporting Options	Network Options	Test Options	
<p>Machine Identifier</p> <div>546</div>							
						Save	Exit

FIG. 5D

548

Otoqram Configuration							
Input Screen	Paging Encoder Interface	Paging Options	Machine Options	Reporting Options	Network Options	Test Options	
Number of reports to print automatically at end of testing session				550			
				552			
Minimum intensity to report				0			
						Save	Exit

FIG. 5E

554

Otoqram Configuration

Input Screen | Paging Encoder Interface | **Paging Options** | Machine Options | Reporting Options | Network Options | Test Options

Web server root 556

Save and Exit Exit

FIG. 5F

560

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions | **Pure Tone Air & Bone Conduction** | Tympanometry | Acoustic Reflex | Speech Discrimination

Name 568

	250	500	1K	2K	3K	4K	6K	8K	
Always	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="button" value="◀"/>
Never	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="button" value="◀"/>
As Needed	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="button" value="◀"/>

570

☐ Always mask bone 574

PTA is defined as average of:

- ☒ 2 best of 500Hz, 1kHz and 2kHz
- ☐ 500Hz + best of 1kHz or 2kHz
- ☐ 500Hz, 1kHz and 2kHz
- ☐ 500Hz, 1kHz, 2kHz, 3 or 4kHz

566

572

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5G

560

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

578 Name:

Comm Port: ☐ Zodiac 901 ☐ GSI-38 ☒ Fluffy ☐ No Tymp Attached

580 Starting Pressure (daPa): Ending Pressure (daPa):

576 Calibration Values

	Left	Right
0.5 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-25.76"/> Cal
2.0 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-21.21"/> Cal
4.0 cm3	<input type="text" value="0"/> Cal	<input type="text" value="-17.61"/> Cal

582

562 Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

Save and Exit Exit

FIG. 5H

560

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

584 Name:

Ipsilateral ☒ Contralateral ☐

500 Initial dB Level:

1K dB Increment Size:

2K Reflex Threshold (cm3):

4K

585

583

586

562 Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

Save and Exit Exit

FIG. 5I

560

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Name: Discrim 588

Presentation Base Level: AI Boost: 0

Presentation Type: Closed

Maximum Presentations: 12

Min Presentation Level: 30

Max Presentation Level: 120 587

Word List (Open Set, English Only): W-22

589

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5J

560

Otoqram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name: SRT 591

590

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5K

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560

Otogram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name: } 593

Survey Name: } 592

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5L

560

Otogram Configuration

Input Screen | Paging Encoder Interface | Paging Options | Machine Options | Reporting Options | Network Options | Test Options

Pure Tone Air & Bone Conduction | Tympanometry | Acoustic Reflex | Speech Discrimination

Speech Reception Threshold | Survey | DP Otoacoustic Emissions

Name: 595

	Test	Response Floor	Noise Ceiling	L1 (db)
500	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="15"/>	<input type="text" value="60"/>
1K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="0"/>	<input type="text" value="50"/>
2K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="-10"/>	
4K	<input checked="" type="checkbox"/>	<input type="text" value="-5"/>	<input type="text" value="-15"/>	

594

Test Selection Defaults

- ☒ Tympanometry
- ☒ Acoustic Reflex
- ☒ DP Otoacoustic Emissions
- ☐ Air and Bone Conduction
- ☐ Speech Reception Threshold
- ☐ Speech Discrimination
- ☐ Patient Survey

562

Save and Exit Exit

FIG. 5M

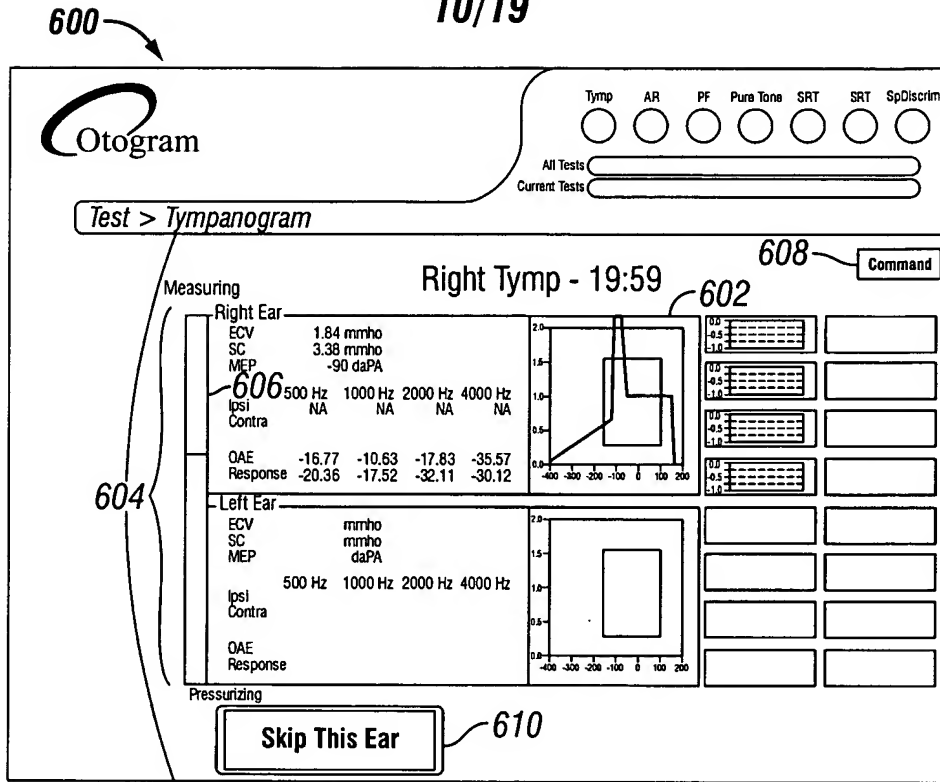


FIG. 6A

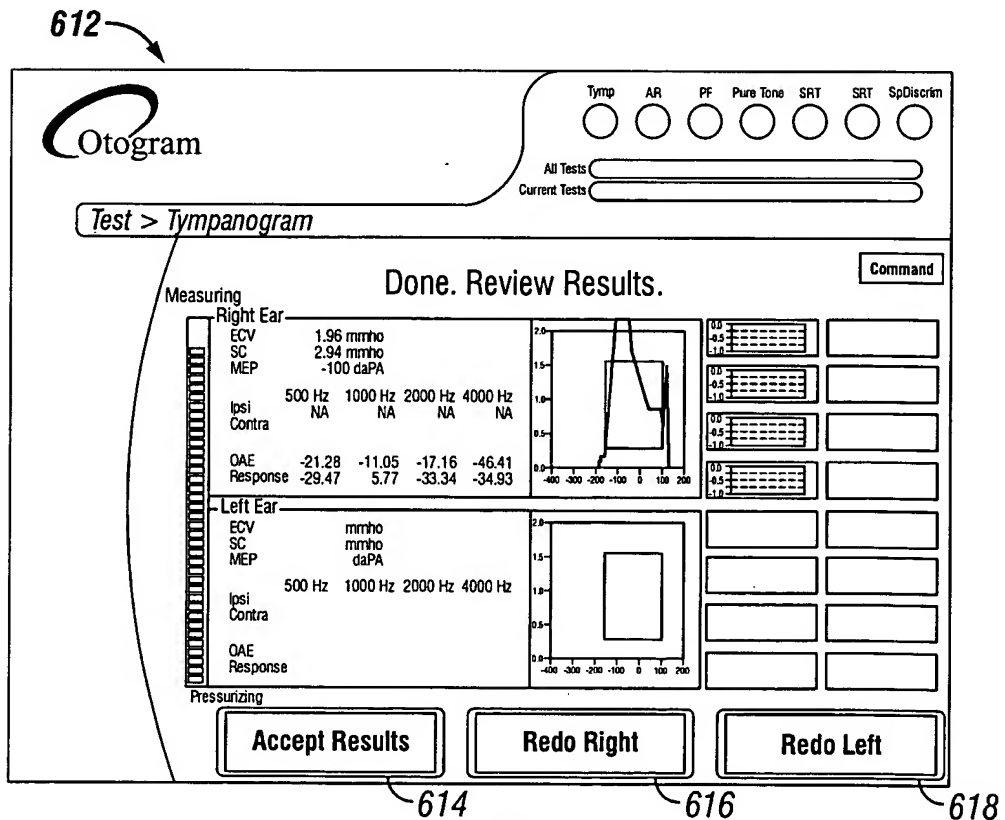
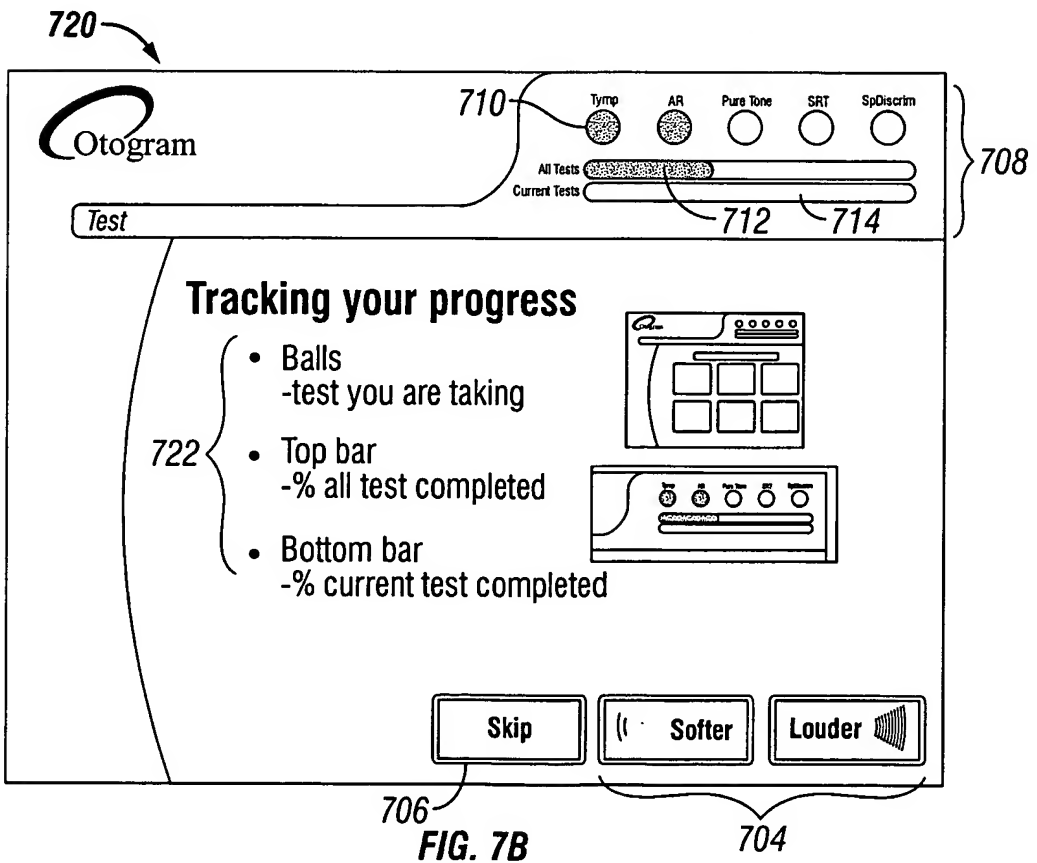
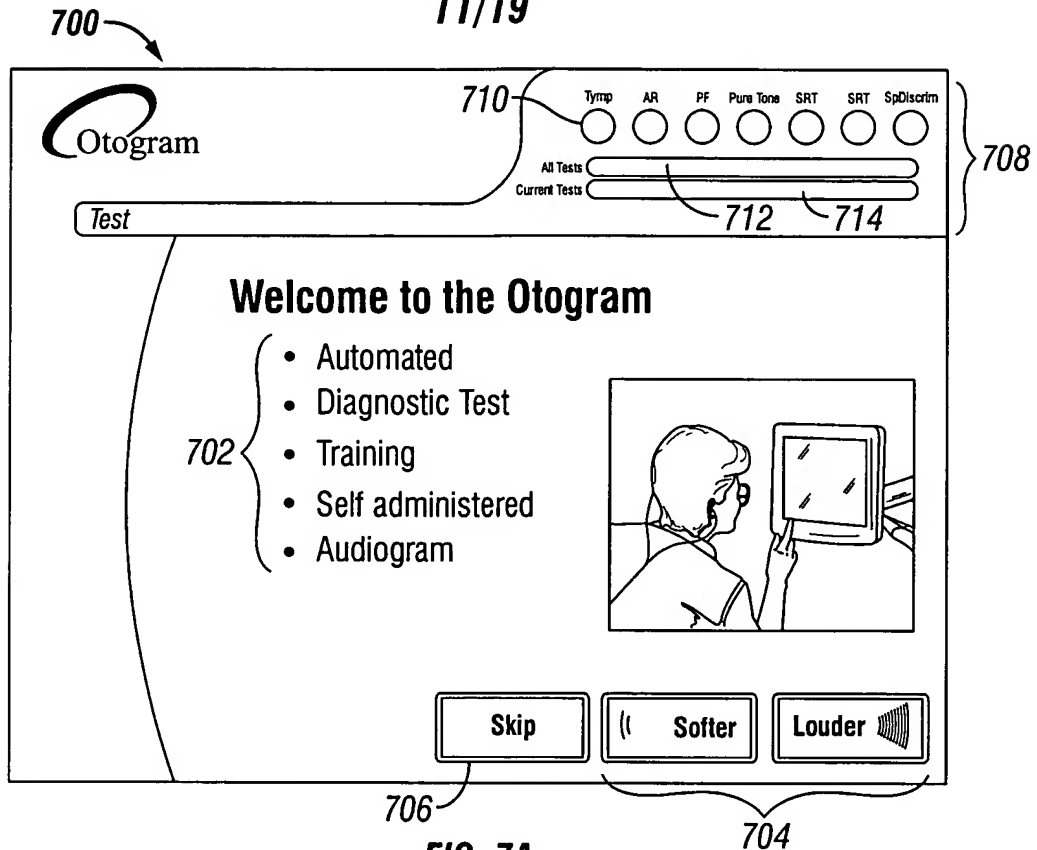


FIG. 6B



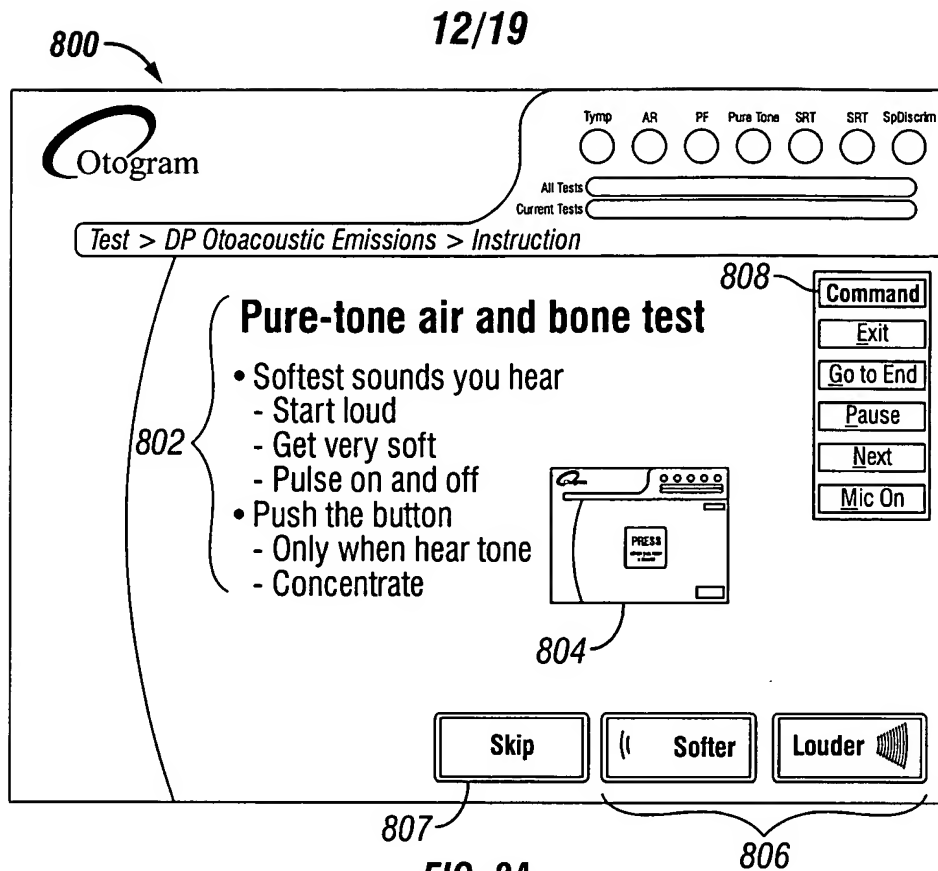


FIG. 8A

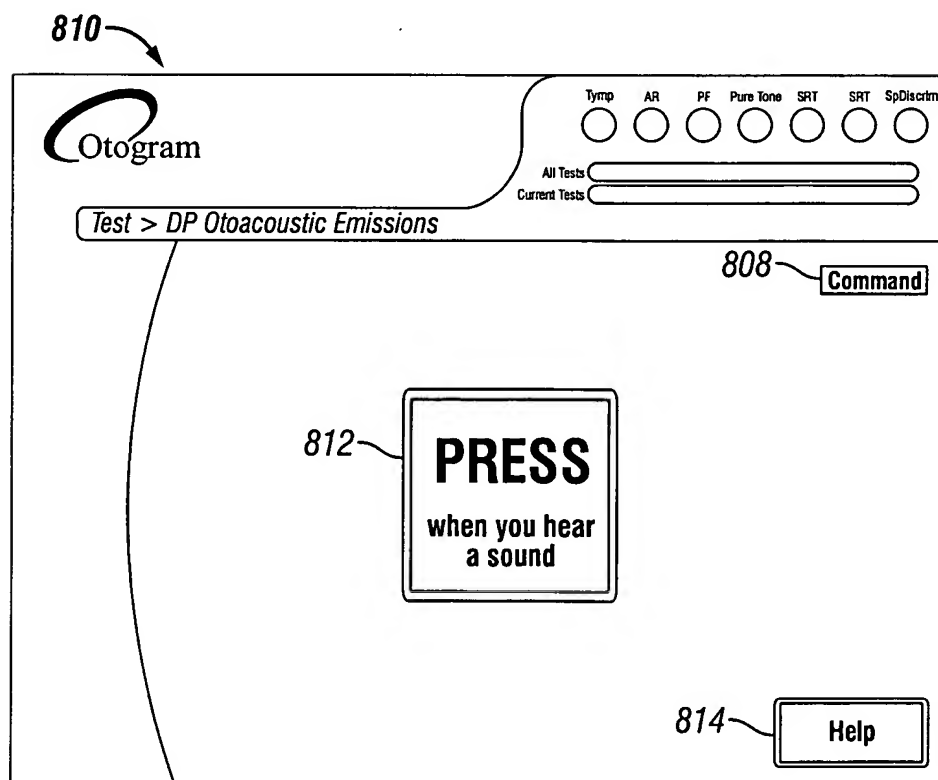


FIG. 8B

820

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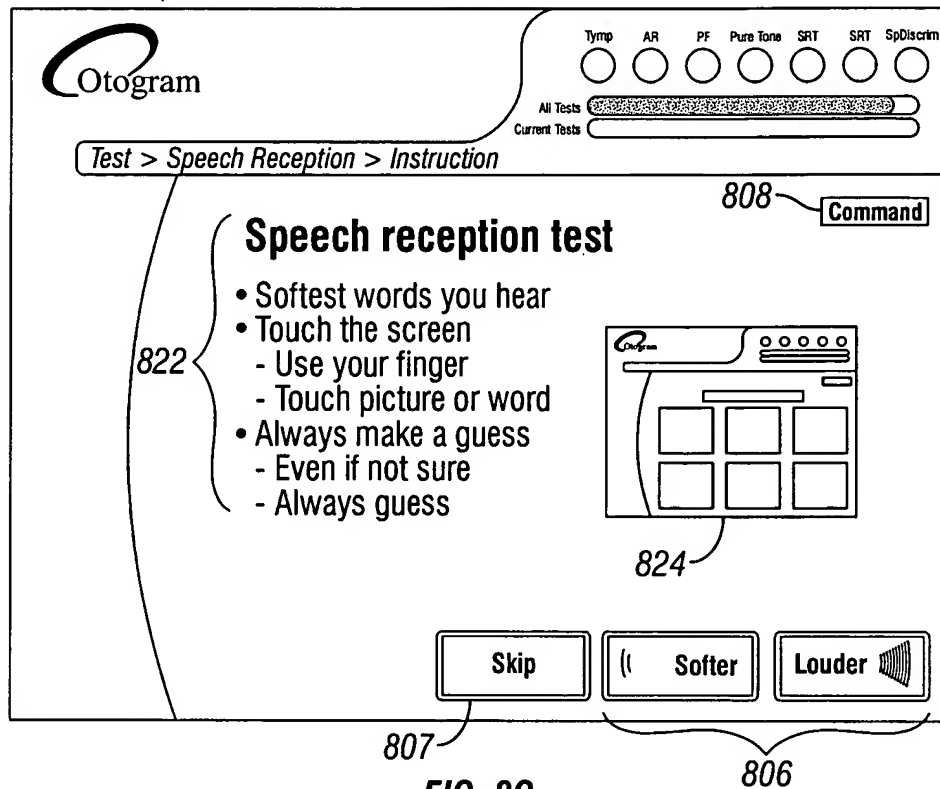


FIG. 8C

830

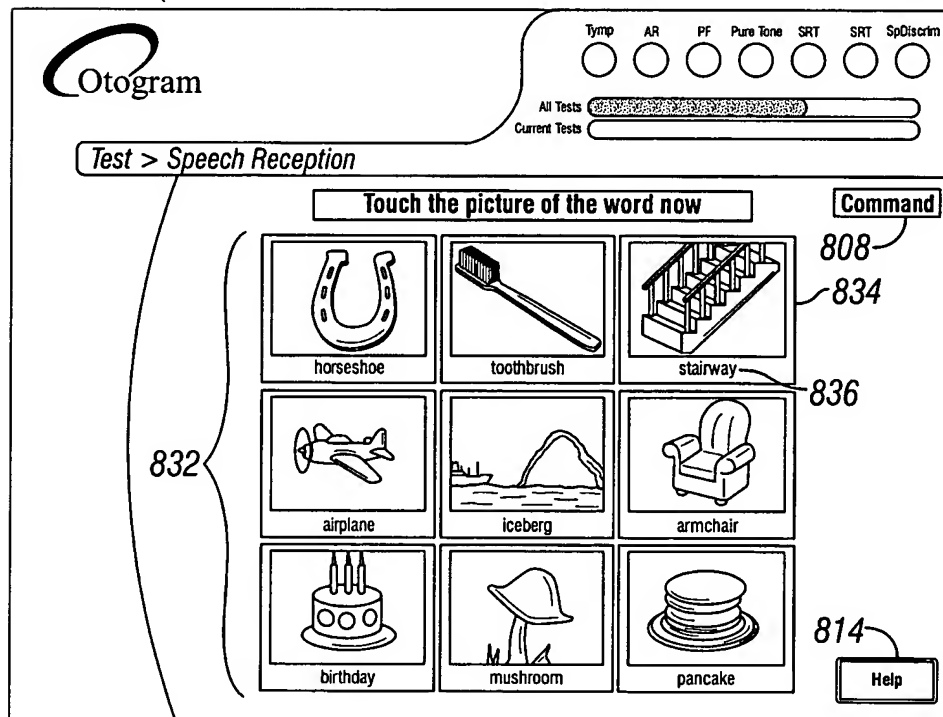


FIG. 8D

840

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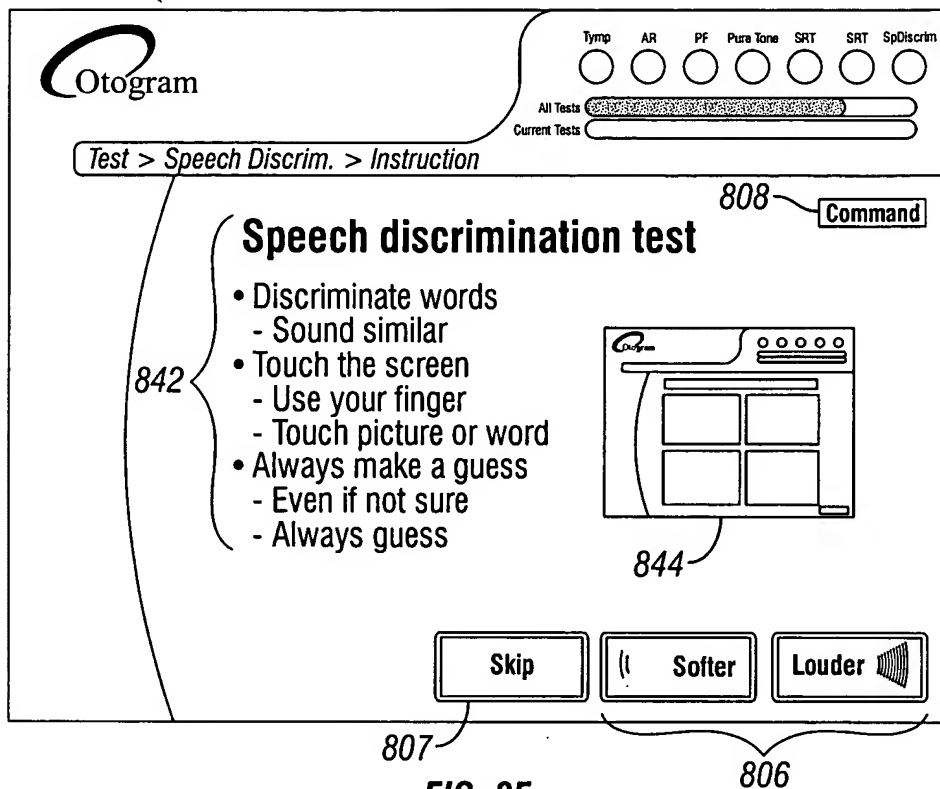


FIG. 8E

850

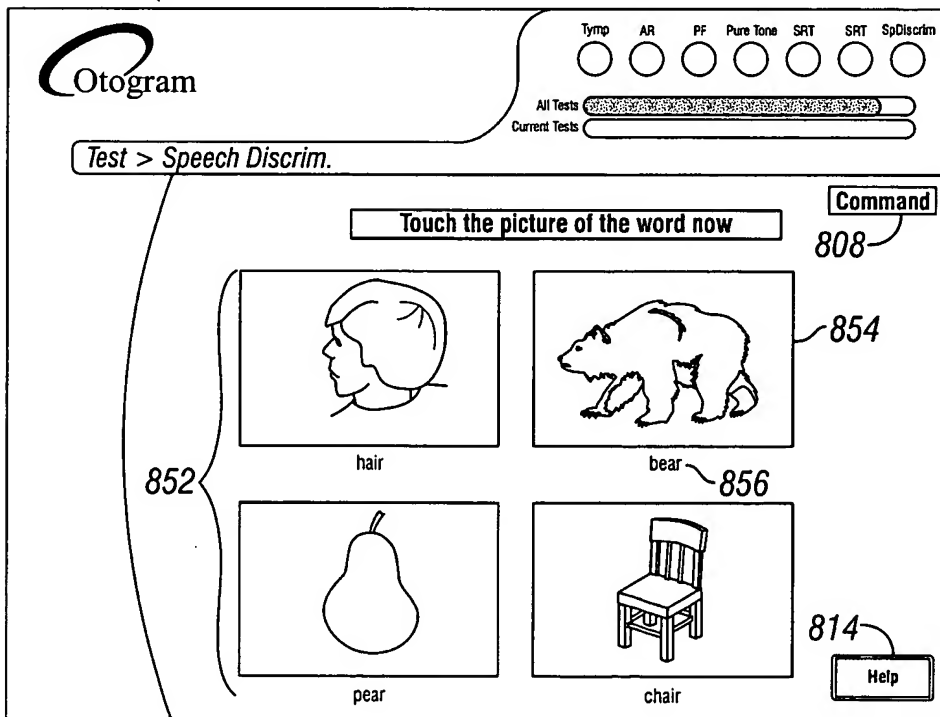


FIG. 8F

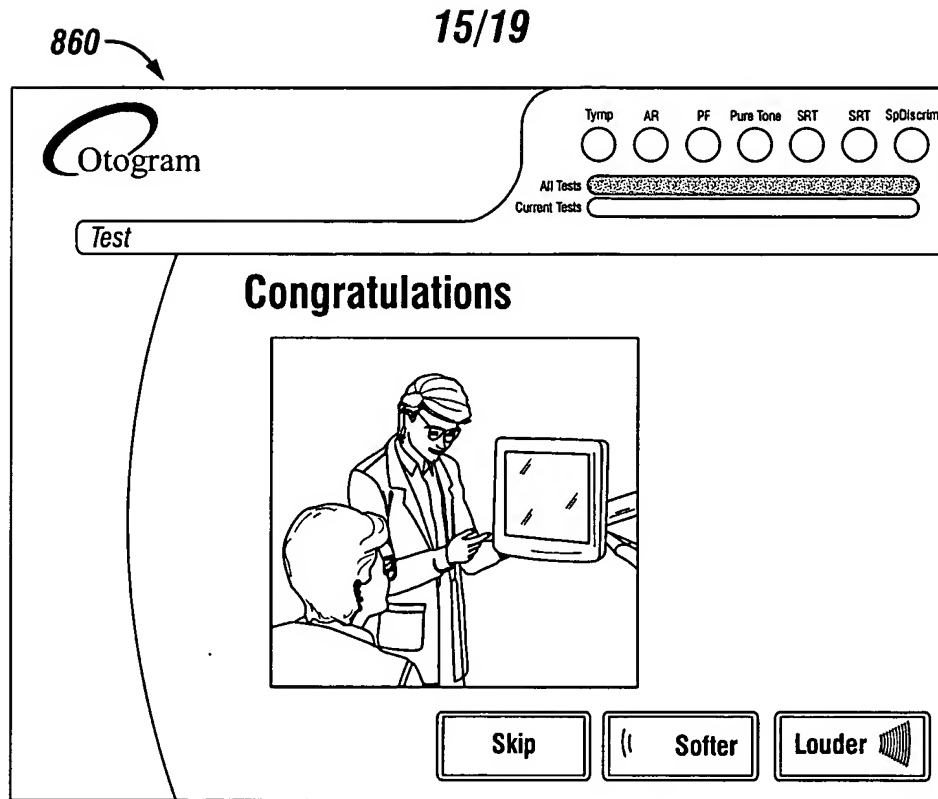


FIG. 8G

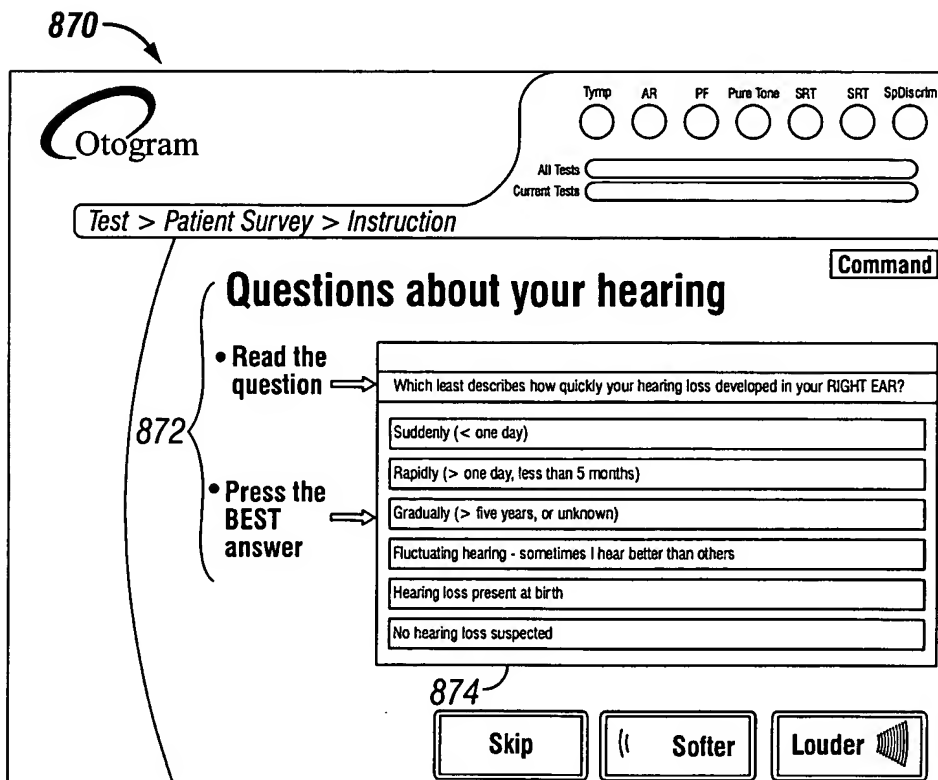


FIG. 8H

880

Otogram

Test > Patient Survey

882

884

Command

Hearing Questionnaire

Does a hearing problem cause you to use the phone less often than you would like?

Yes

Sometimes

No

Tymp AR PF Pure Tone SRT SRT SpDiscrim

All Tests

Current Tests

FIG. 8I

900

**The test administrator
has been paged.**

**Please wait for the
administrator to return.**

FIG. 9

1000 17/19

Otoqram

Report

Redo Some Tests 1002

New Session 1004

View Report 1006

Print Billing 1008

Print Report 1010

Tymp ☐ AR ☐ PF ☐ Pure Tone ☐ SRT ☐ SRT ☐ SpDiscrim ☐

All Tests

Current Tests

FIG. 10A

1020

Otoqram

Report

Redo Some Tests 1002

New Session 1004

View Report 1006

Print Billing 1008

Print Report 1010

Tymp ☒ AR ☒ Pure Tone ☐ SRT ☐ SpDiscrim ☐

All Tests

1032 1034 1030

Change Report Style View Saved Report Save Report

Otoqram Name: J. Q. Date: 09/14/2002 Time: 15:28 DOB: Age 45 years Sex: Male } 1028

Chart# Profound Unilateral Loss Physician: Tympany Tester: Tympany Clinic: TAR: PT:13.98 SRT:2.95 SD:1.41 Elapsed: Tympany

Right Air and Bone Conduction **Left Air and Bone Conduction**

Frequency in Hertz (Hz)

1022 1024

Hearing Level in Decibels (dB)

	250	500	1K	2K	3K	4K	6K	8K
Air	5	10	5	50	80	95	80	80
Bone	5	5	5	40	60	60	50	50
Gap	5	0	10	10	20	30	30	30
AMax				40	50			
BMix	37	32	75		85			

Speech Intelligibility

Symbols

1026

FIG. 10B

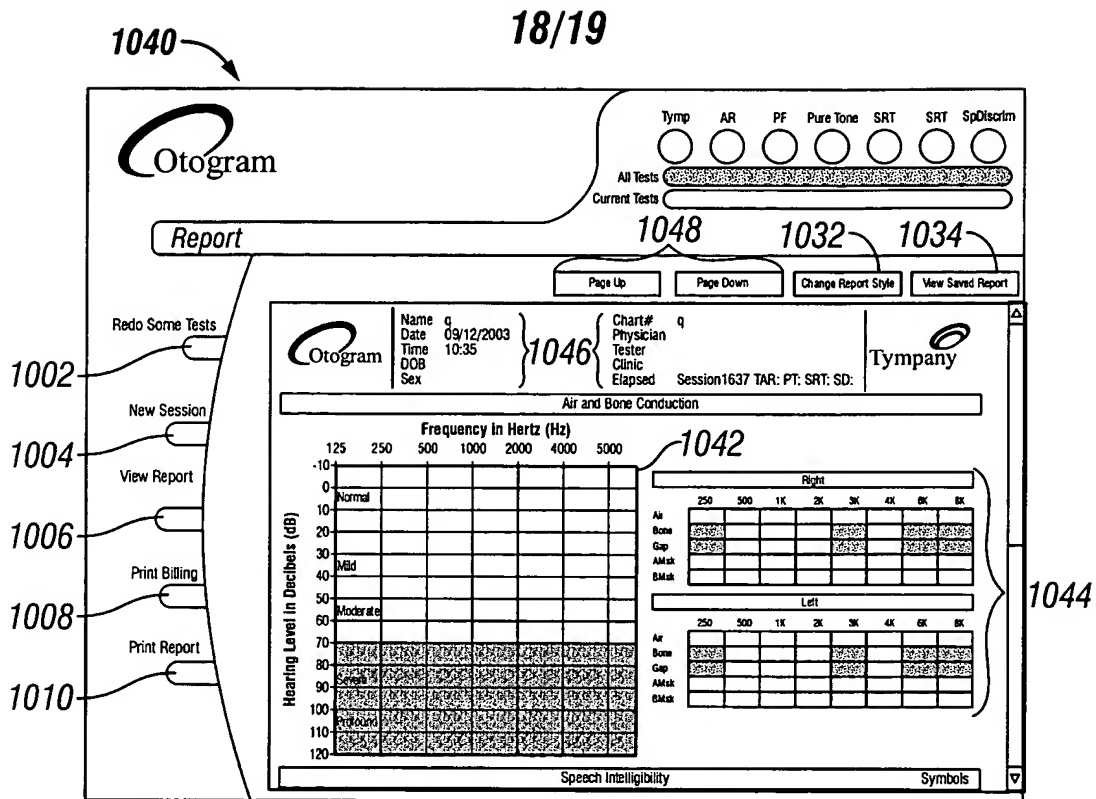


FIG. 10C

1050

Report Search

Sort By Clinic

Select By Date of Test

Criteria

1054 Display All Search Cancel

1052

FIG. 10D

